IN THE SPECIFICATION

Please amend paragraph 11 of the specification as follows:

In the first step of the process, the master model is read from an initial storage medium into the CAD program as represented by block 90 in Figure 1. The master model generally represents the machine part to be modeled. In one embodiment, the master model may represent a compressor spool, comprising, for example, multiple disks and adjacent rotating hardware. In the next step 100 of the invention, a user determines a specified portion of master model (called the context model specification) to be copied into an associative model (called the context model) and prepared for engineering analysis. Associative, as used herein, means that there exists a master-slave relationship between the master model and the context model. In other words, the master model is abstracted to a level of detail necessary to perform a specified engineering analysis (e.g., the necessary detail may comprise only one specific part of a larger design assembly). For example, when modeling a turbine disk, if a specific portion of the disk (e.g., the disk rim or any other highly stressed region) is needed for analysis, it is abstracted from the master model into the context model (i.e., the context model is a subset of the master model.